

MAR 26 2007

NCR Docket No. 9226

REMARKS

This Amendment is prepared in response to the Office Action dated September 25, 2006. The Office Action rejects claims 1-24 under 35 U.S.C. § 103(a) as being allegedly unpatentable over US Patent Application Publication No. 2002/00428281 to Muret, et al. (Muret) in view of U.S. Patent No. 6,026,394 to Tsuchida et al. (Tsuchida).

In this Response, Applicants have amended the pending independent claims to recite either a step or structure for loading data from a plurality of transaction logs of a plurality of Internet servers into a database system managed by plural parallel processing modules, and for executing a database query across the parallel processing modules using a moving difference database management function to select from the data all entries associated with a particular user and corresponding to a single session of that user. In independent claims 22 and 24, Applicants amended the claims to recite that the database query uses the MDIFF extension to SQL. No new matter has been added by these amendments, and Applicants respectfully submit that support can be found on page 3 of the originally-filed specification. Claims 1-24 remain pending in the Application.

Applicants submit that neither Muret nor Tsuchida, taken singly or in combination, discloses a method or database system where (i) a plurality of transaction logs of a plurality of Internet servers are loaded into a database system managed by plural parallel processing modules, and (ii) a database query is executed across the parallel processing module using a moving difference database management function to identify a user's clickstream. Further, it would not have been obvious at the time of the invention to one of ordinary skill in the art to modify either of these references to achieve the claimed invention.

As a first matter, Muret does not disclose loading a plurality of transaction logs of a plurality of Internet servers into a database system managed by plural parallel processing modules. As the Examiner has acknowledged, Muret does not disclose any use of plural parallel processing modules. Additionally, Muret does not disclose loading

NCR Docket No. 9226

into a database a plurality of transaction logs from a plurality of Internet servers. Instead, using its "Subreport/Multisite Reporting Technology," Muret combines logs so that there is only one log file per Internet server. (See paragraph 69 of Muret.) It is submitted that Muret combines logs files before loading the database because Muret does not utilize plural parallel processing modules.

Muret also does not disclose executing across the parallel processing module a moving difference database management function to identify a user's clickstream. Again, Muret cannot accomplish this using the conventional database architecture disclosed in the reference. Instead of applying a moving difference function across the parallel processing module, Muret requires separate programming for each log file.

While Tsuchida discloses a technique for "implementing parallel operations in a database management system," the reference does not disclose either loading a plurality of transaction logs of a plurality of Internet servers into a database system or executing across the parallel processing module a moving difference database management function to identify a user's clickstream. Modifying this reference to provide these capabilities would be impermissible hindsight.

In view of the foregoing, Applicants respectfully submit that the pending application is in condition for allowance.

NCR Docket No. 9226

With this Response, Applicants submit a fee for a 3-month extension of time.  
If any additional fee is due, please charge our Deposit Account No. 50-0665, under Order  
No. 052848-8004US1 from which the undersigned is authorized to draw.

Dated: March 26, 2007

Respectfully submitted,

By 

Michael A. Oblon

Registration No.: 42,956

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicants